

SEC. CL.		ORIGIN		CONTROL NO.	
DATE OF DOC.		DATE REC'D	DATE OUT	SUSPENSE DATE	25X1
20 MAY 78		25 MAY 78			CROSS REFERENCE OF POINT OF FILING
TO FROM SUBJ. RING-OUT TO HANSHING TOWER 100-1, GUM BY 3 IN 100-13 ORR ORR-3-80,655 ENCL. 2 Table				ROUTING	DATE SENT
COURIER NO.				ANSWERED	NO REPLY
					5

Declass Review by NGA

CGS-2615-63

IB - 330/53
20 November 1963
Copy 3 of 8

MEMORANDUM FOR: Chief, Manufacturing and Services Division, ORR

ATTENTION :

THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS

FROM : Chief, CIA/PID (NPIC)

SUBJECT : Ying-tan to Nanping Rail Study, China

REFERENCE : (1) ORR Requirement No. C-RN3-80,656, 3 October 1963
(2) CIA/PID Project No. C 1407-63

1. This memorandum is forwarded in answer to the referenced requirement concerning a comparative photo analysis of the Ying-tan to Nanping Rail Line.

2. For the most part this study was based on photography from [redacted] which gives almost complete coverage of the rail line.

[redacted] were of great value in obtaining comparative coverage over portions of the rail line, however, a complete comparative analysis could not be accomplished due to a combination of limiting factors including heavy clouds, obliquity and incomplete coverage.

3. The Ying-tan to Nanping Railroad is a single track line throughout. The complete rail line has been illustrated on the enclosed graphic (Enclosure No. 1) compiled on USAF Charts PC 498B and PC 493D. On this graphic each town with a siding or rail yard is shown. The kilometer distance from Ying-tan and the towns named were derived from the "Communist China Railroad Passenger Time table - Summer 1960". A description of the sidings and rail yards found at each town referenced on the graphic is tabulated in Table I. In addition this table gives a complete analysis, as far as photo coverage permits, of the rolling stock and locomotives at these sidings and rail yards. A description of the traffic observed between Ying-tan and Nanping is tabulated in Table II.

4. Enclosure No. 2 locates two single track railroads under construction which branch from the Ying-tan-Nanping Railroad. One of these lines branches from the main line just north of Hsia-yang at 26 48N/117 57E and a shorter line branches just south of Hsia-yang at 26 46N/118 00E. All pertinent information regarding these branch lines is included in Enclosure No. 2.

SECRET

25X1

PAGE 2

SUBJECT: Ying-tan to Nanping Rail Study, China

5. The photo analyst on this project was [REDACTED], who may be contacted on extension [REDACTED] should you have further questions regarding this project. This memorandum with enclosures completes the referenced requirement.

25X1

25X1

Enclosures:

2 Annotated Maps
(CIA/PID/IB-P-759 and P-760/63)
2 Tables

SECRET

25X1

SECRET

25X1

TABLE I

Ying-T'ian - Nanping Rail Line Study

Description of Sidings and Rail Yards and Comparative Analysis of Rolling Stock and Locomotives

Location of Observation	Sidings/Rail Yards		Distance from Ying-T'ian (KM)	Composition & Size of Trains Within Sidings/Rail Yards						Remarks
	No. of Tracks	Length (feet)		Loco.	Open	Tank	Box	Pass	Ident.	
25X1 Ying-T'ian R.A. Yards (Terminus) [redacted]	6	2,200	0	-	56	-	-	3	14	Wye track is located directly north-east of railroad yards terminus. (control-ling length is 250 ft. Minor rail repair facilities are located directly east of the Ying-T'ian rail yards-East, where 2 open
25X1 Ying-T'ian Classification Yard, East [redacted]	1	2,650	0	-	462	6	-	-	-	ILLEGIB
25X1 [redacted]	1	1,500	-	-	-	-	-	-	-	

SECRET

25X1

25X1

Location of Observation		No. of Tracks		Length (feet)	Distance from Ying-T'an (KM)	Loco.	Open	Tank	Box	Pass	Unident.	Remarks
Shang-Ch'ing (1 KM East)		2		2,200	26	-	-	-	-	-	-	
[REDACTED]		2		2,200	26	-	20	-	-	-	-	
Ch'uan-Shang		-		-	36	-	-	-	-	-	-	No sidings were observed
Er-K'ou		1		1,650	41	-	-	-	-	-	-	
[REDACTED]		1		1,650	41	-	-	-	-	-	-	
Jao-Ch'iao		-		-	56	-	-	-	-	-	-	No sidings were observed
Kao-Fu		2		1,750	65	-	-	-	-	-	-	
[REDACTED]		1		1,440	73	-	-	-	-	-	-	
Teh-Kuar-ts'un		2		2,300	80	-	5	-	-	-	-	
Yuan-Tai		1		1,900	88	-	-	-	-	-	-	
Ta-Yuan-Ts'Un (2 KM North)		2		1,600	103	-	-	-	-	-	-	
[REDACTED]		2		1,600	103	1	5	12	-	-	-	
Ta-Yuan-Ts'Un (2 KM South)		1		1,660	107	1	26	2	-	-	-	
Ta-Yuan-Ts'Un (4 KM South)		1		1,500	109	1	-	-	-	-	-	40 (Approx)
Kuang-Tse (Sidings)		2		2,200	117	-	6	-	-	-	-	
[REDACTED]		2		2,200	117	1	9	1	-	-	19	
Ho-Shun (1 KM North)		1		1,630	126	-	-	-	-	-	-	
[REDACTED]		1		1,630	126	1	17	1	1	-	-	

25X1

Approved For Release 2004/05/05 : CIA-RDP78T04743A000200030060-4

Location of Observation		No. of Tracks	Length (feet)	Distance from Ying-T'an (KM)	Loco.	Open	Tank	Box	Pass	Unident.	Remarks
Shao-Wu (Rail Yard)		Undeter-mined	-	147	-	-	-	-	-	-	Heavy cloud cover, precludes analysis
Shai-K'ou (Sidings)		2 (Approx.)	Undeter-mined	158	-	-	-	-	-	-	Heavy cloud cover precludes analysis
Wu-Chia-T'ang (Sidings)		2 (Approx.)	Undeter-mined	164	-	-	-	-	-	-	Heavy cloud cover precludes analysis
Na-K'ou (Sidings)		2	Undeter-mined	187	1	-	-	-	-	15 (Approx.)	Cloud cover precludes complete analysis
Wei-Min		-	-	195	-	-	-	-	-	-	No sidings were observed
Fu-Wen (Sidings)		2	1,850	215	1	64	3	-	-	-	
Fu-Shang (Sidings)		2	2,300	219	2	-	-	-	-	39	
Shun-Ch'ang (Sidings)		1	(Approx.) 1,650	238	-	-	-	-	-	-	A complete analysis not possible due to obliquity
Shun-Ch'ang (Spur Track)		1	1,140	-	-	12	-	-	-	-	Spur track is located adjacent to siding in Shun-Ch'ang
Yang-K'ou (1 KM South)		1	1,500	253	-	-	-	-	-	-	
Hsia-Yang (6 KM North)		1	2,800	262	-	-	-	-	-	-	
		1	2,800	262	-	-	-	-	-	-	21 open cars located on spur adjacent to siding leading to tie storage area.

25X1

Approved For Release 2004/05/05 : CIA-RDP78T04743A000200030060-4

Location of Observation	Siding Rail Yards		Distance from Ying-T'ian (KM)	Within Sidings Rail Yards						Remarks
	No. of Tracks	Length (feet)		Loco.	Open	Tank	Box	Pass	Unident.	
Asia-Yang	1	1,500	268	-	-	-	-	-	-	
	1	1,500	268	-	-	-	-	-	-	Heavy cloud cover precludes analysis
	1	1,500	268	-	-	-	-	-	-	Heavy cloud cover precludes analysis
Lai-Chou	±	±	285	-	-	-	-	-	-	No sidings were observed
Wai-Yang (1 KM North)	1	1,700	288	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	-	Cloud coverage
	1	1,700	288	-	-	-	-	-	-	
Wai-Yang (Main Rail Yard)	15	2,430	289	-	18	11	22	1	-	Map distance between Lai-Chou to Wai-Yang does not correspond with distance as given in the time table. The latter is given here.
	15	2,430	289	-	77	-	24	2	-	
	15	2,430	289	4	234	-	-	12	-	
Wai-Yang (Small Rail Yard East of Main Wai-Yang Rail Yard)	6	830	-	-	12	-	-	-	-	Wye track included (controlled length 130 ft.)
	6	830	-	-	4	-	-	-	-	Cloud cover precludes analysis
	-	-	-	-	-	-	-	-	-	Cloud cover precludes analysis
Wai-Yang (2 KM South)	1	1,650	291	-	-	-	-	-	-	
	1	1,650	291	-	7	-	4	1	-	
	1	1,650	291	-	16	-	-	-	-	

25X1

Approved For Release 2004/05/05 : CIA-RDP78T04743A000200030060-4									
Location of Observation	Sidings/Rail Yards	No. of Tracks	Length (feet)	Distance from Ying-T'an (KM)	Loco.	Open	Tank	Box	Pass Unident.
Hsi-Ch'in (1 KM East)		2	2,000	304	-	-	1	1	-
		2	2,000	304	-	2	-	2	-
		2	2,000	304	-	35	-	-	-
Nanping Rail Yard		-	-	313	-	-	-	-	-
		5	1,500	313	-	7	-	7	-
		5	1,500	313	-	120	-	-	4

Heavy cloud cover
precludes analysis

25X1

NOTE



Approved For Release 2004/05/05 : CIA-RDP78T04743A000200030060-4

TABLE II

Description of Rail Traffic
Ying-T'an - Nanping Rail Line Study

East Bound Traffic

Mission	Location of Trains	Pass	Composition and size of train					Speed of Train
			Open	Tank	Box	Loco.	Unident.	
	13 KM East of Wai-Yang	12	-	-	-	1	-	18 mph
	11 KM East of Shun-Ch'ang	-	13	-	3	1	-	19 mph
	2 KM North of Kao-Fu	-	9	4	2	1	-	23 mph
	5 KM East of Shun-Ch'ang	-	23	-	-	1	-	14 mph
	North of railroad bridge at Ho-Shun	-	-	-	-	1	17(approx.)	6 mph
	4 KM East of Ta-Yuan-Ts'Un	-	1	-	-	1	-	5 mph

West Bound Traffic

	1/2 KM North of Lai-Chou	-	15	-	9	1	-	22 mph
	4 KM East of Yang-Kou	-	22	-	-	1	-	20 mph
	10 KM South of Pu-Shang	-	27	-	-	1	-	24 mph

SECRET

Approved For Release 2004/05/05 : CIA-RDP78T04743A000200030060-4